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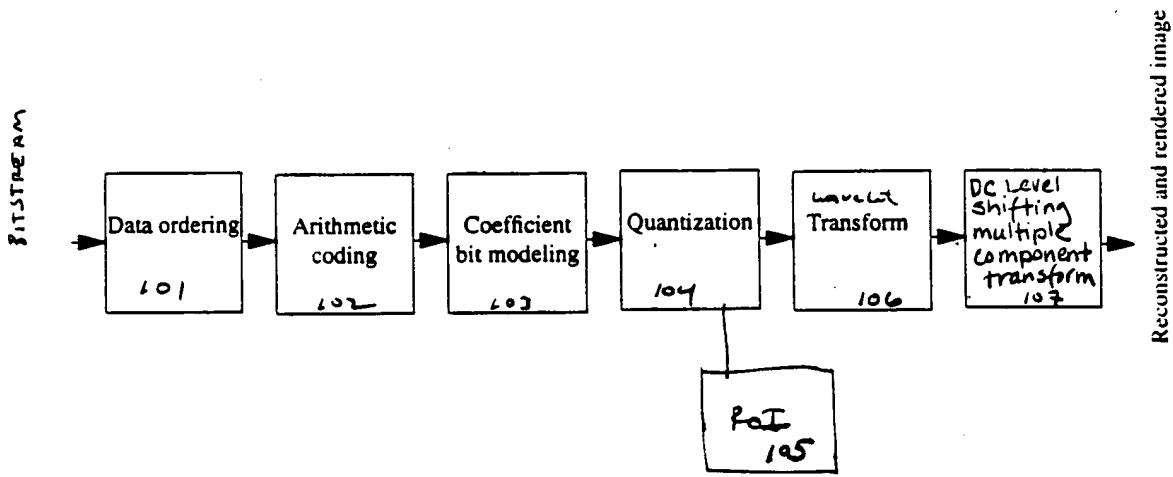


Figure 1

PROGRESS REPORT

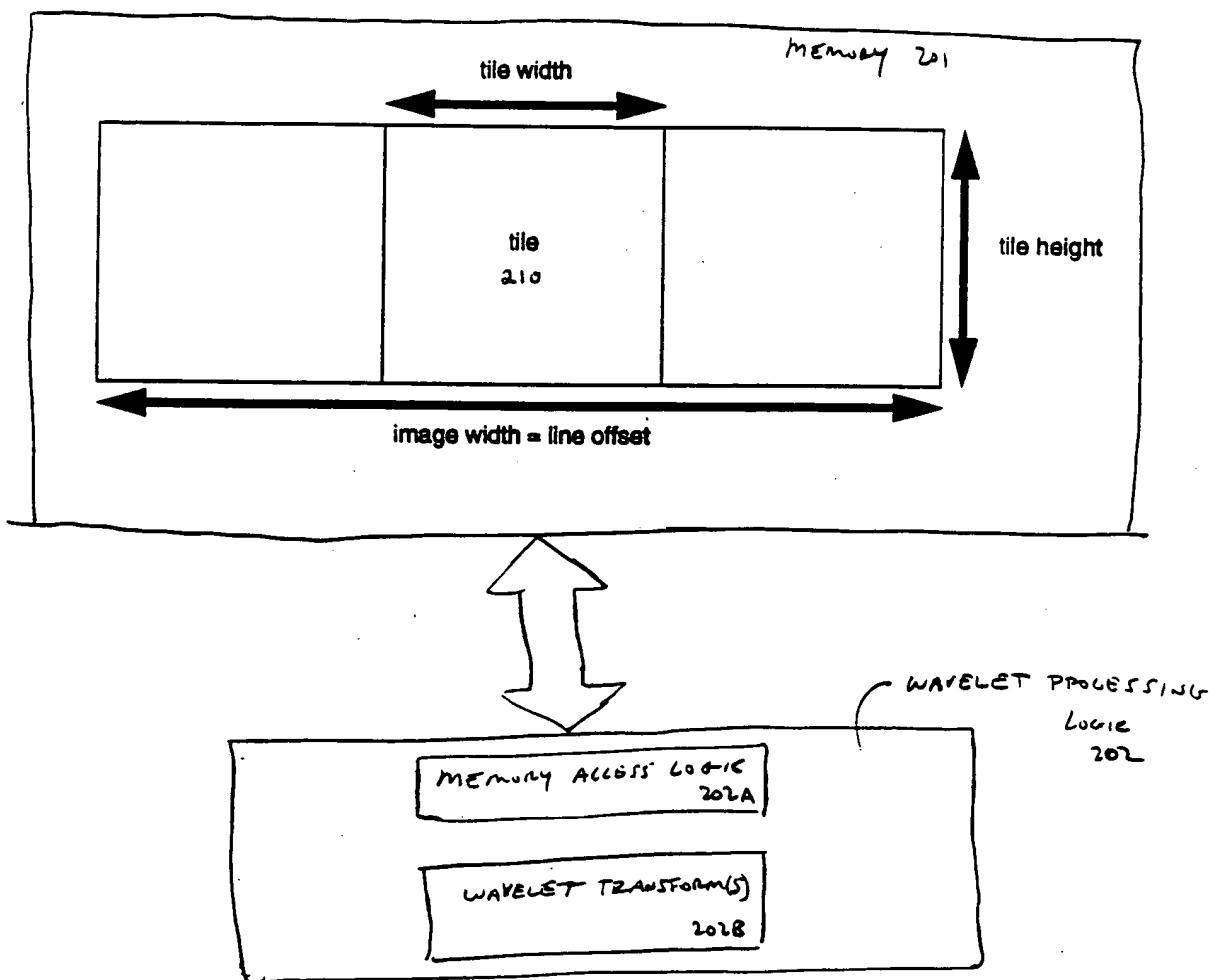


Figure 2

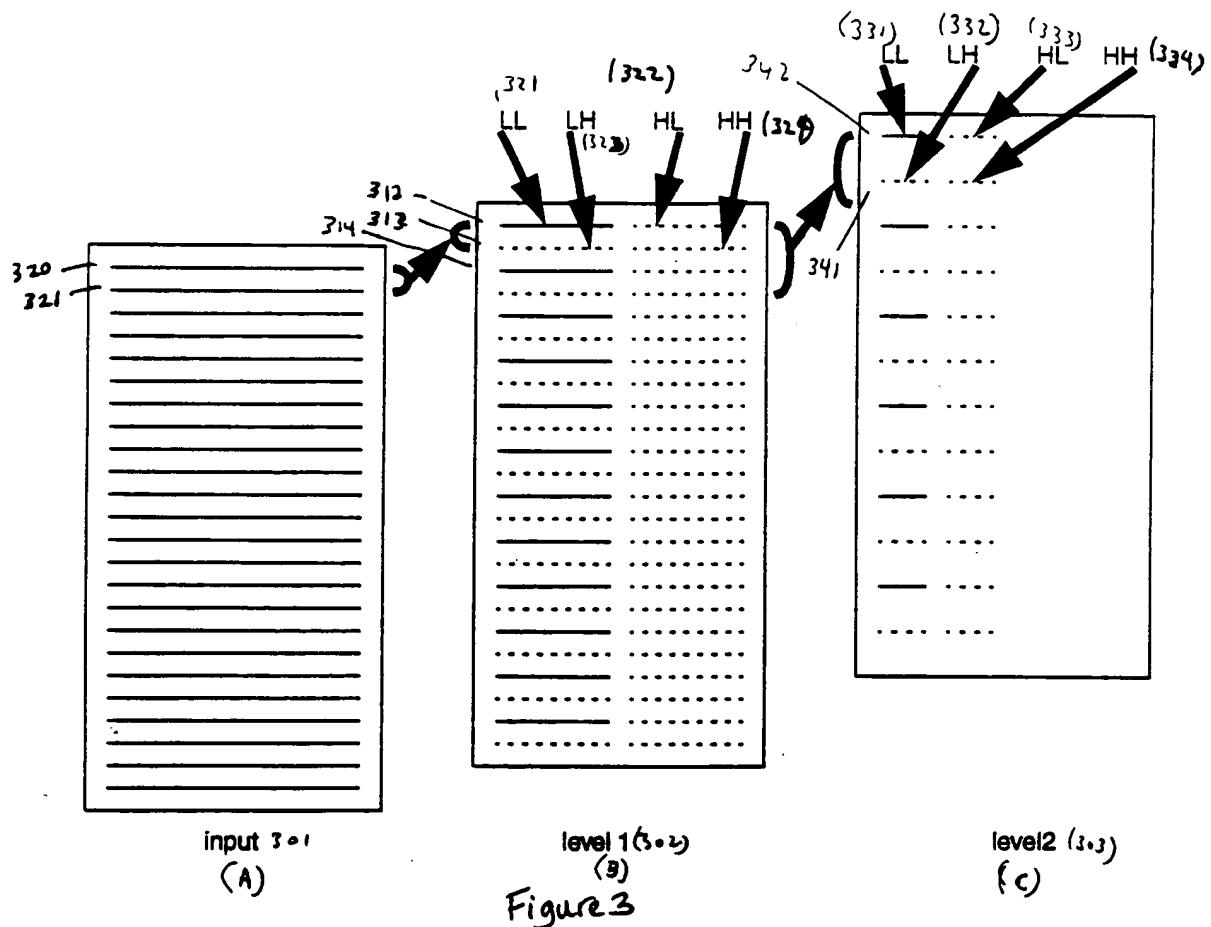


Figure 3

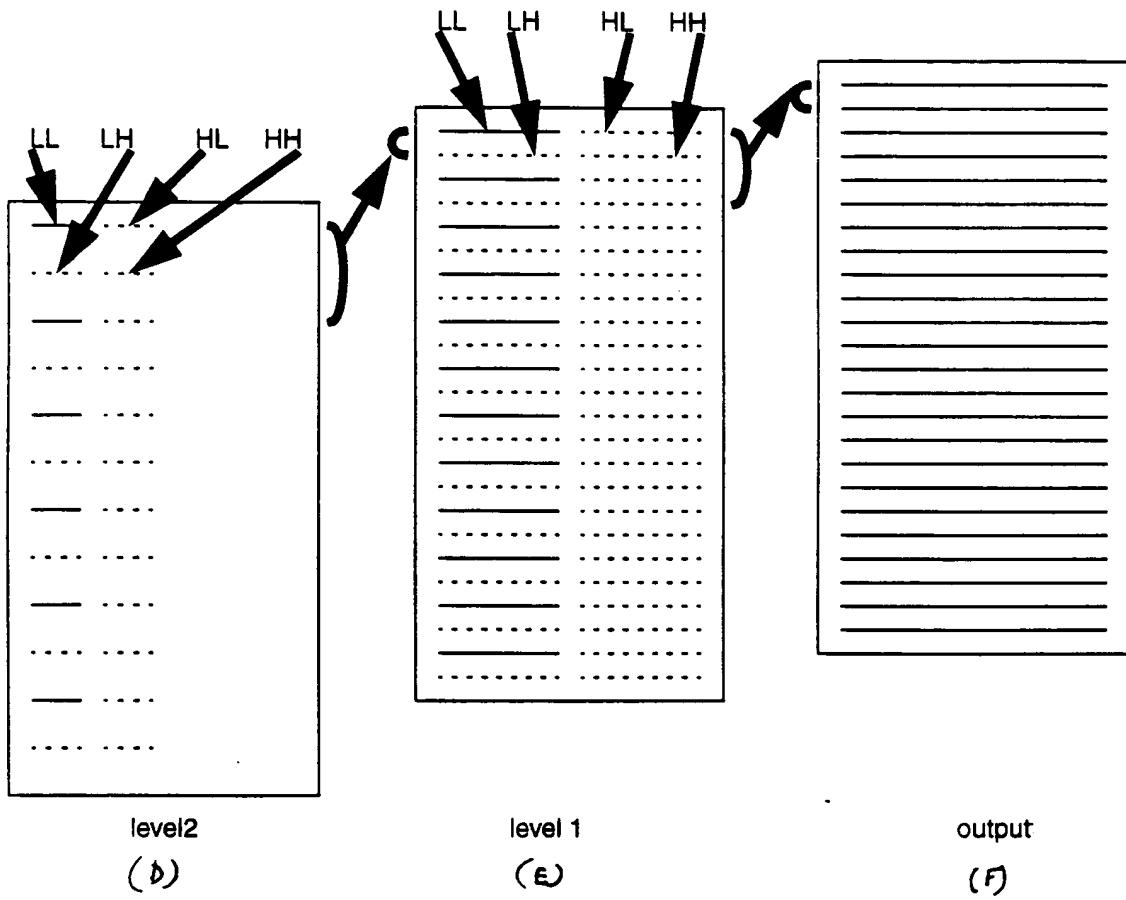


Figure 3

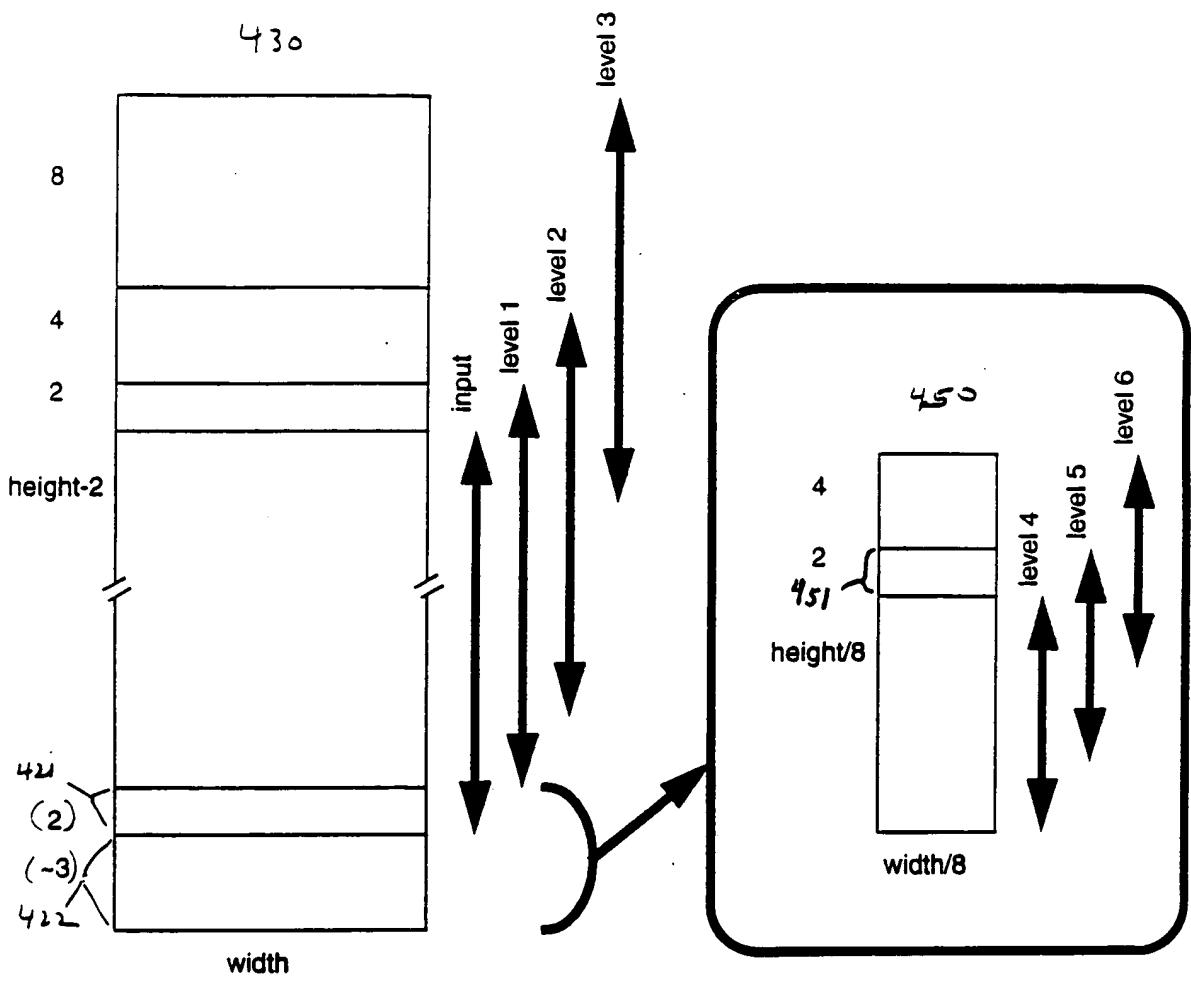


Figure 4 A

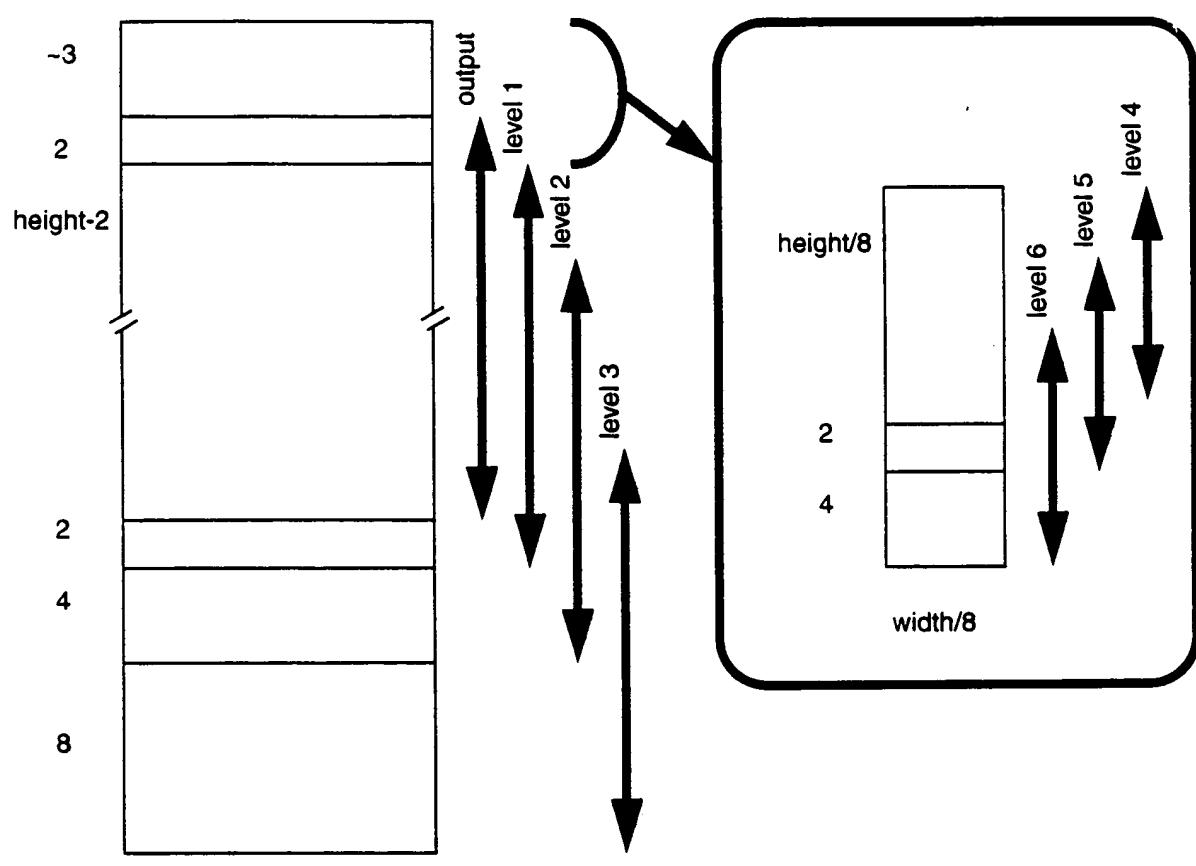


Figure 4B

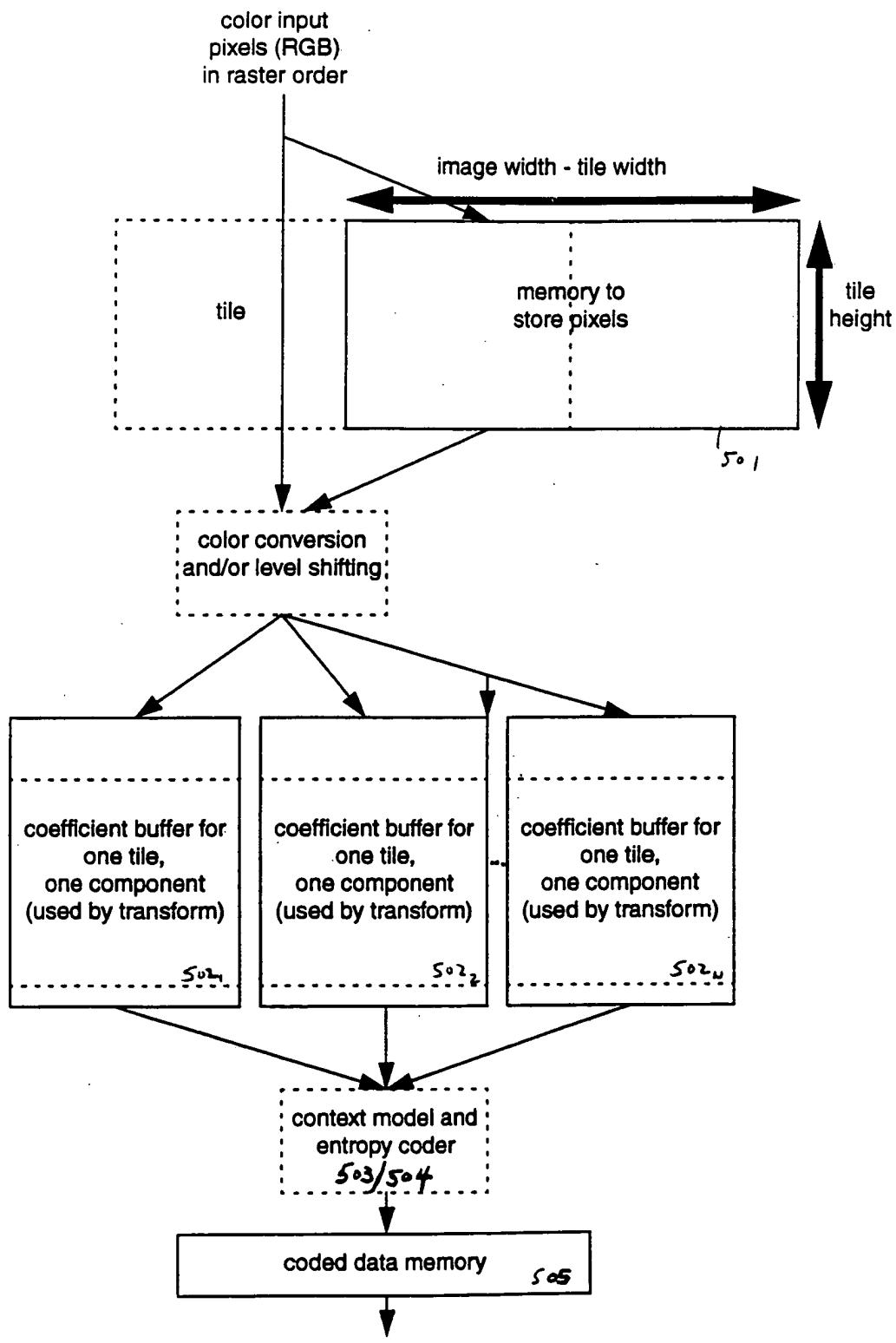


Figure 5

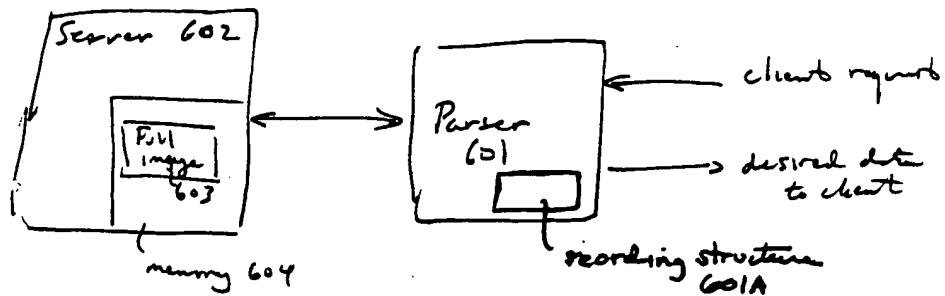


Figure 6A

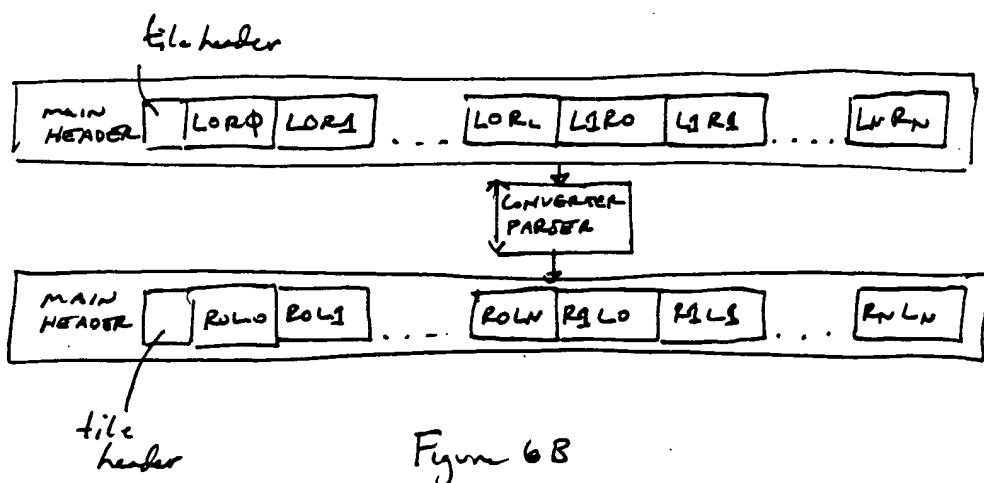


Figure 6B

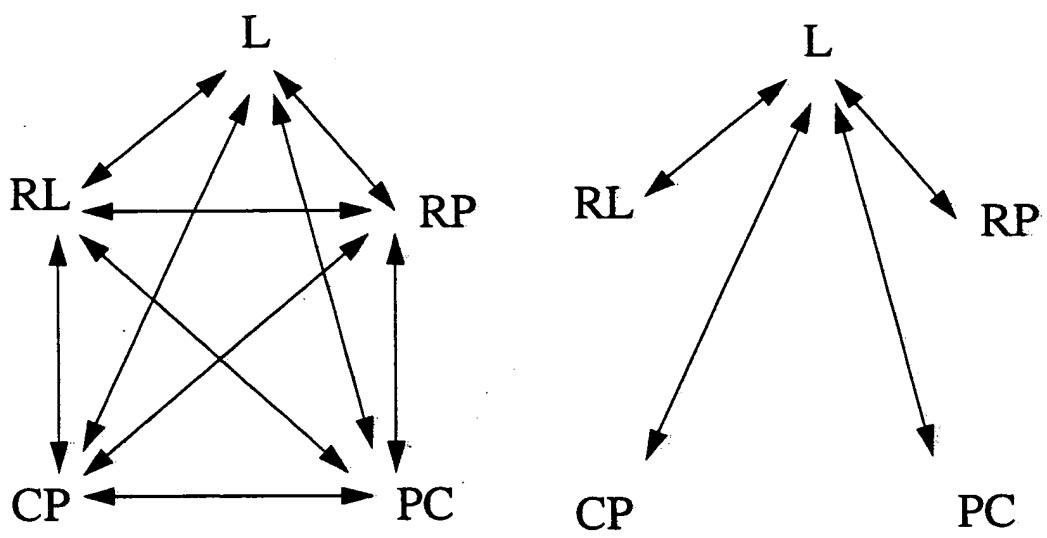


Figure 7A

Figure 7B

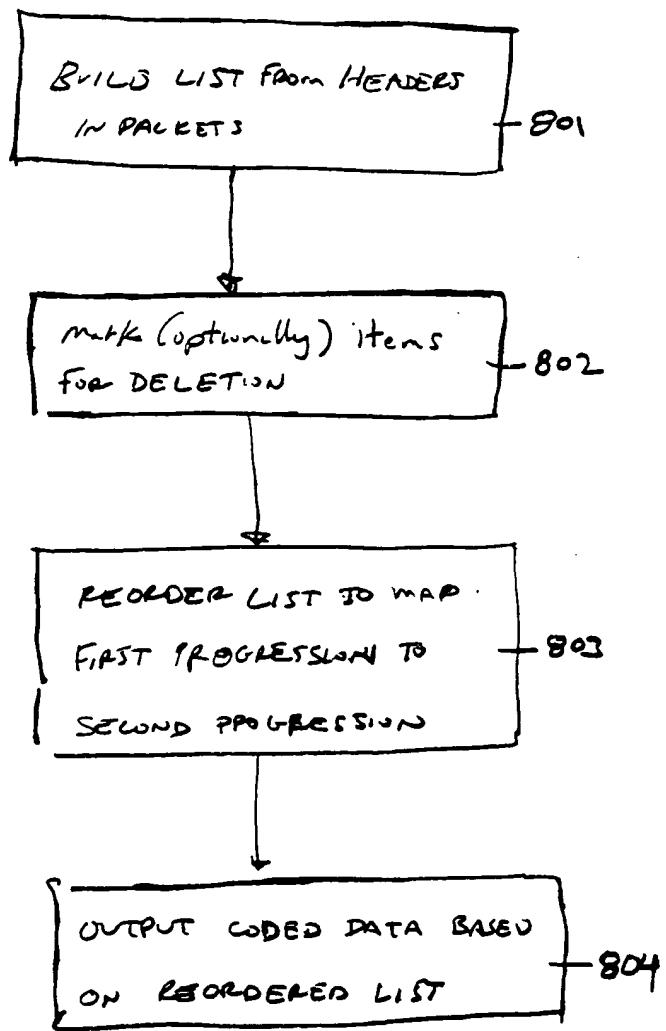


Figure 8

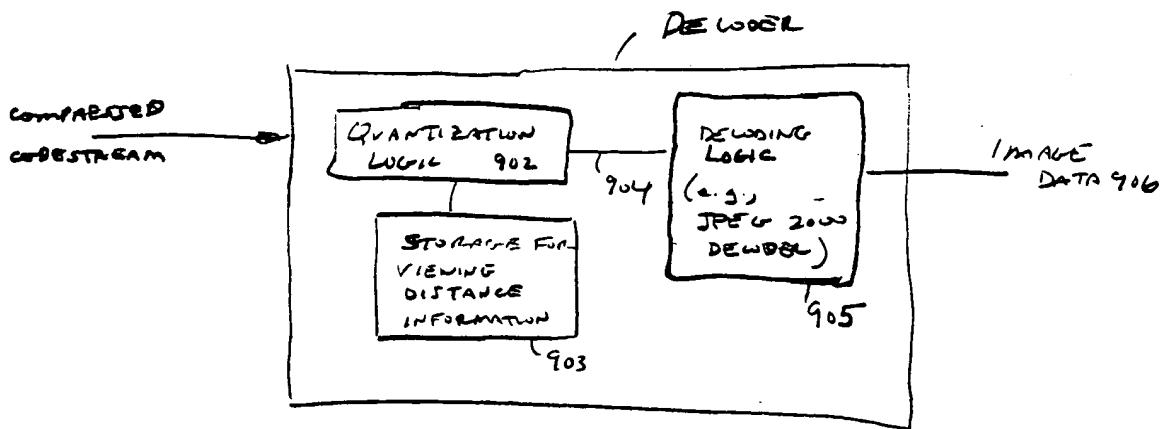


Figure 9

PROGRESSIVE IMAGE DECODE

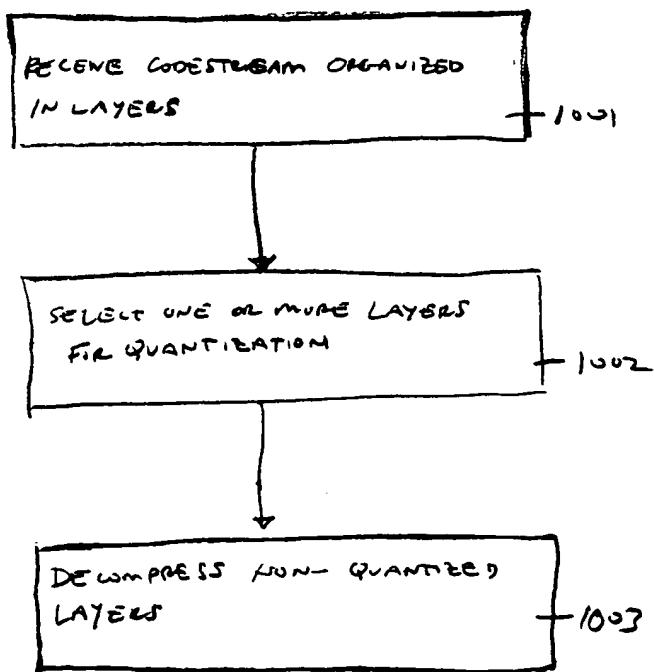


Figure 10

1101 1102 1103 1104

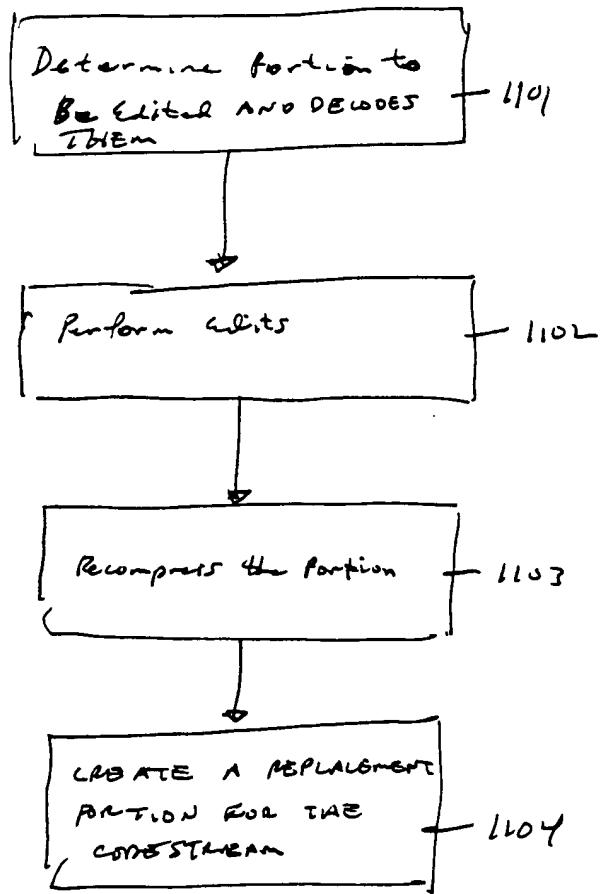


Figure 11

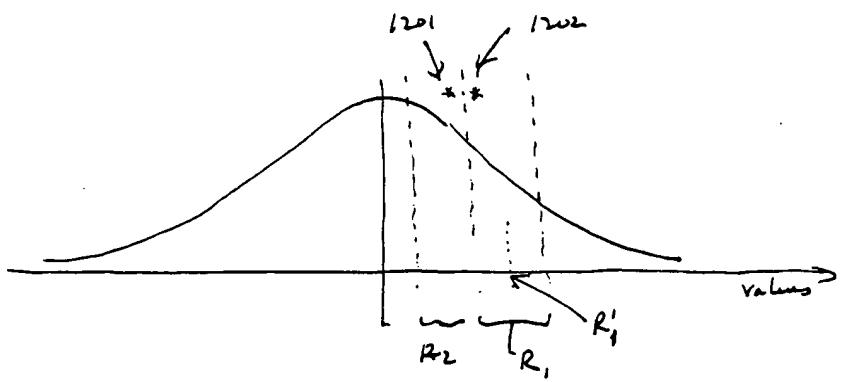


Figure 12

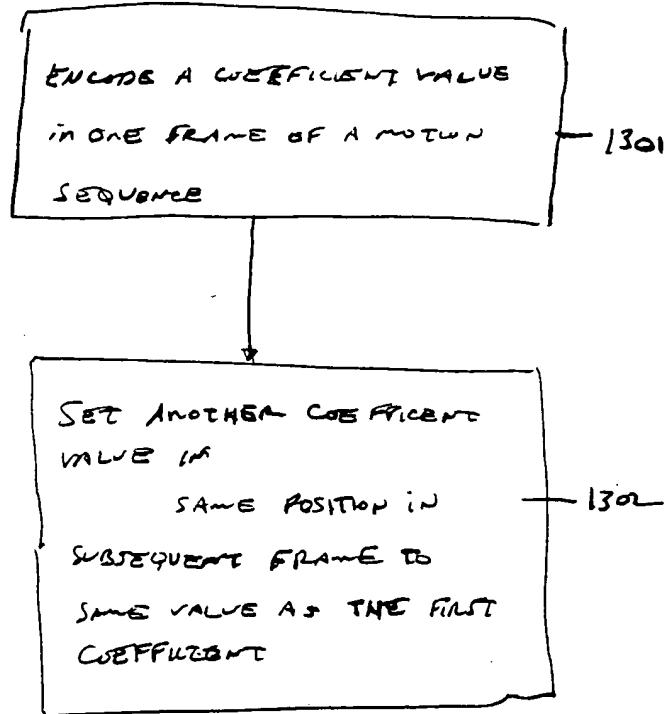


Figure 13

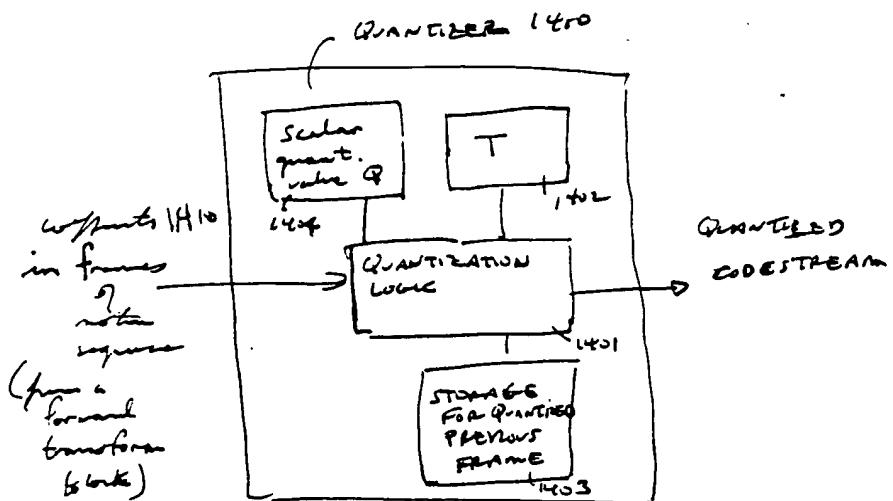


Figure 14

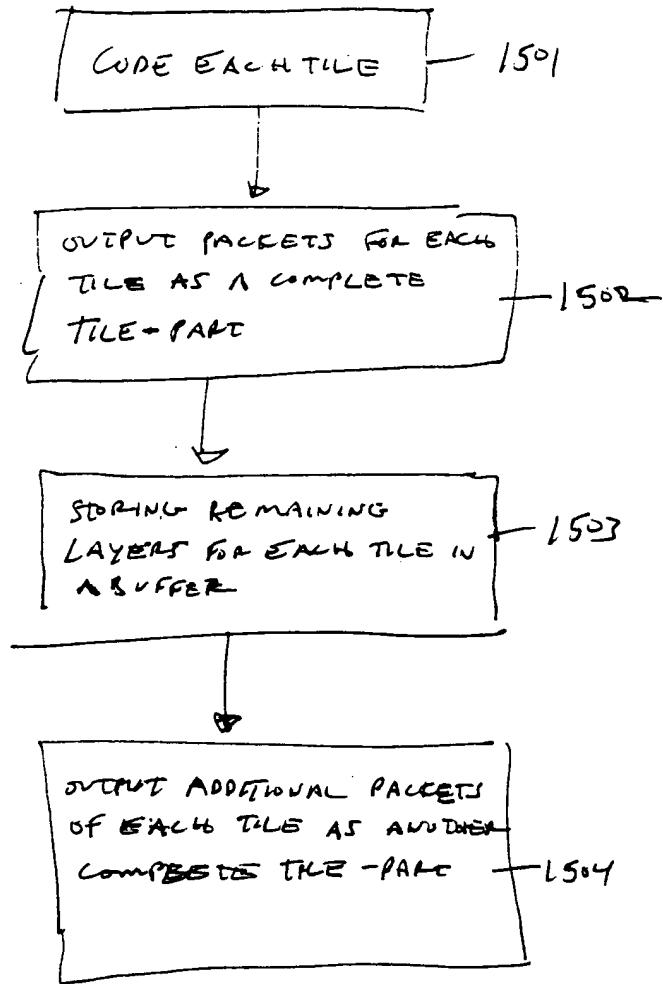


Figure 15 A

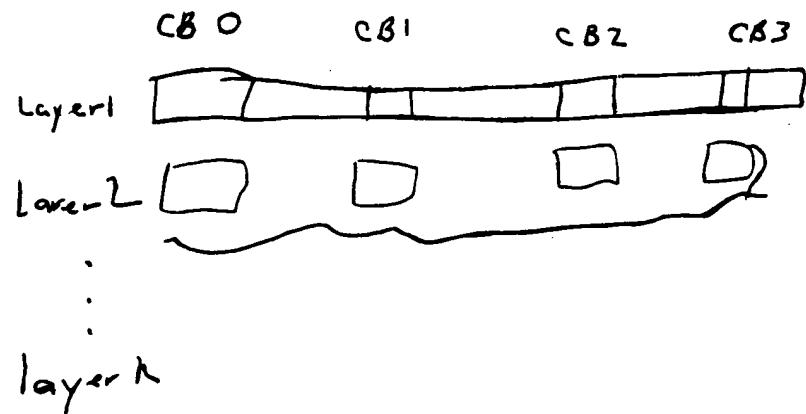


Fig 15B

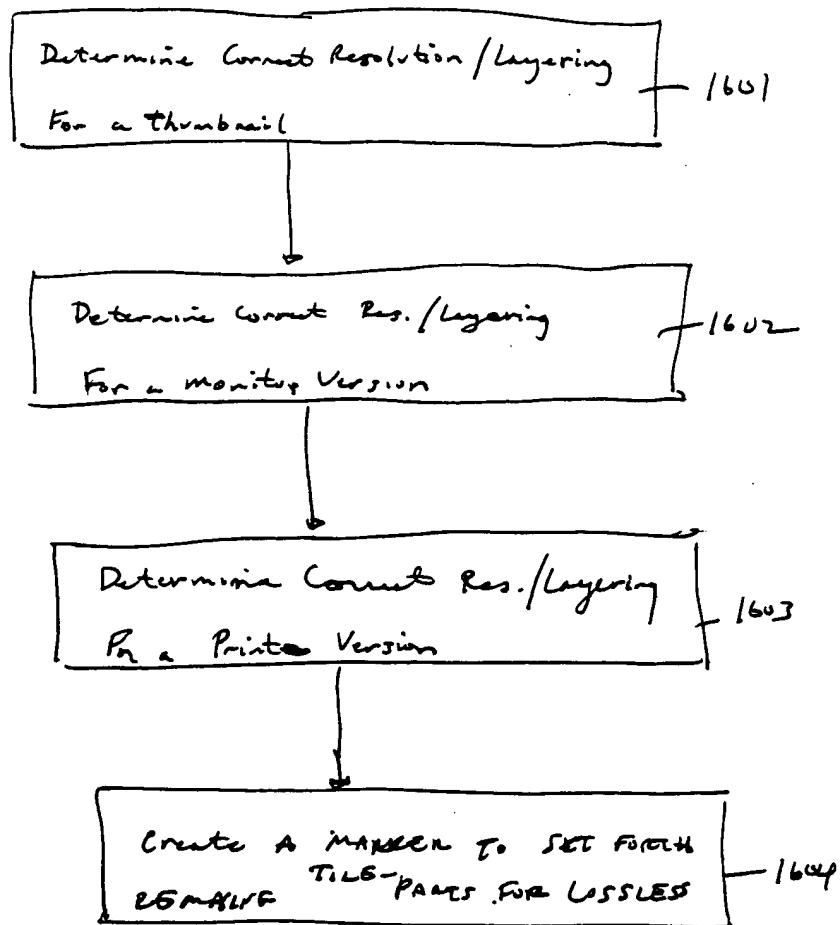


Figure 16

0	0	0	
0	0	0	
0	0	0	0
0	0	0	0

0	0	0	
0	0	0	
0	0	0	0
0	0	0	0

0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

A = lossless

B

C

0	0	0	
0	0	0	
0	0	0	1
0	0	1	1

0	0	1	
0	0	1	
1	1	1	1
1	1	1	1

0	0	1	
0	0	1	
1	1	1	1
1	1	1	2

D

E

F

0	0	1	
0	1	1	
1	1	1	1
1	1	2	2

0	0	1	
0	1	1	
1	1	1	2
2	2	2	2

0	1	1	
1	1	1	
1	1	1	2
2	2	2	2

G

H

I

Figure 17

0	1		
1	1	1	2
		1	2
		2	2
		2	2

J

1	1		
1	1	1	2
		1	2
		2	2
		2	2

K

1	1		
1	1	2	2
		2	2
		2	2
		2	2

L

1	1		
1	1	2	2
		2	2
		2	3
		2	3

M

1	1		
1	2	2	2
		2	2
		2	3
		2	3

N

1	1		
1	2	2	3
		2	2
		3	3
		3	3

O

1	2		
2	2	2	3
		2	2
		3	3
		3	3

P

1	2		
2	2	2	3
		2	3
		3	3
		3	3

Q

2	2		
2	2	2	2
		2	3
		3	3
		3	3

R

Figure 18

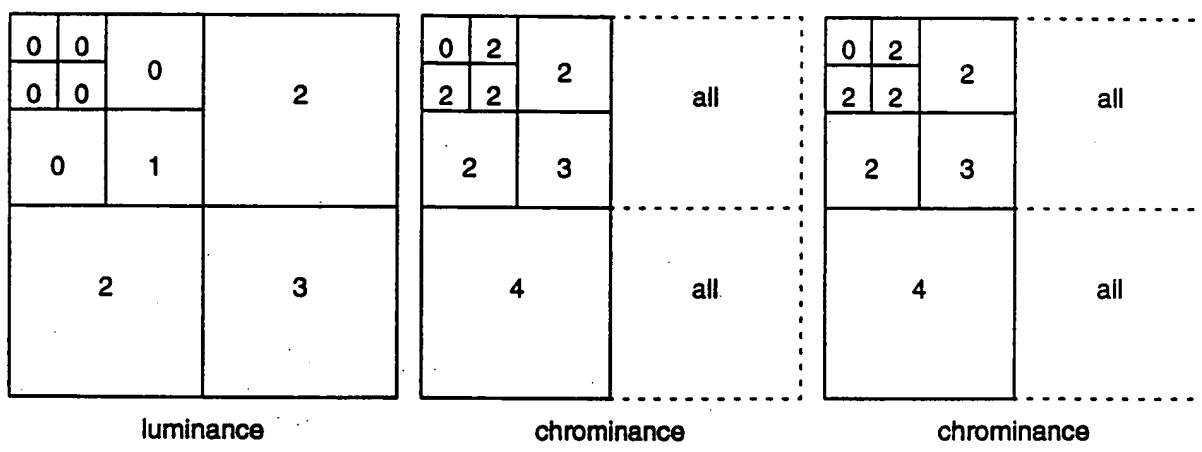


Figure 11

2000

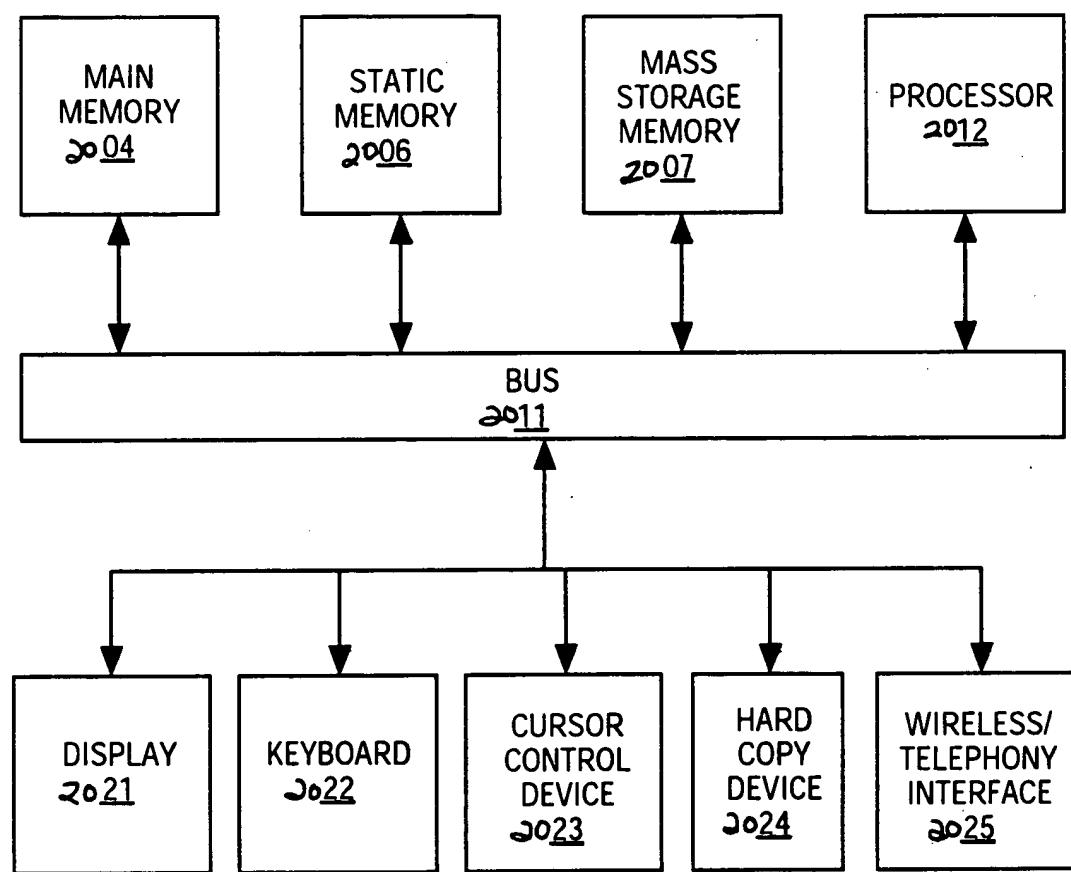


FIG. 20

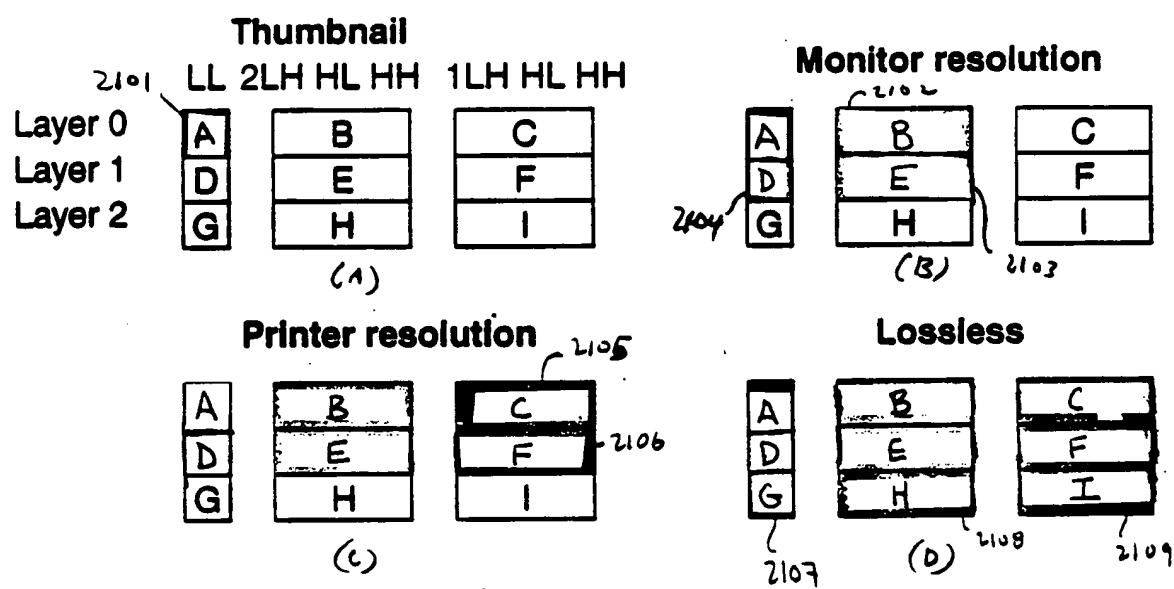


Figure 21

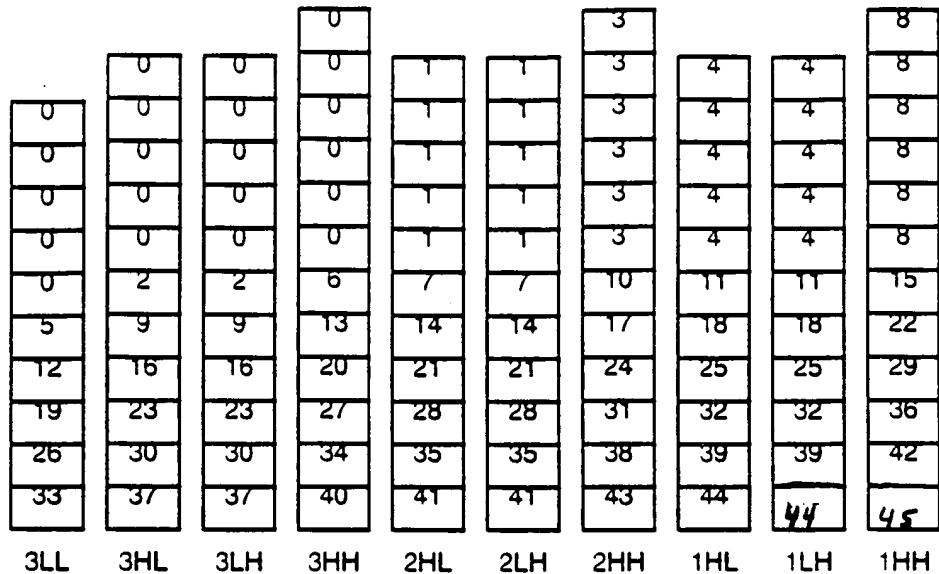


Figure 22

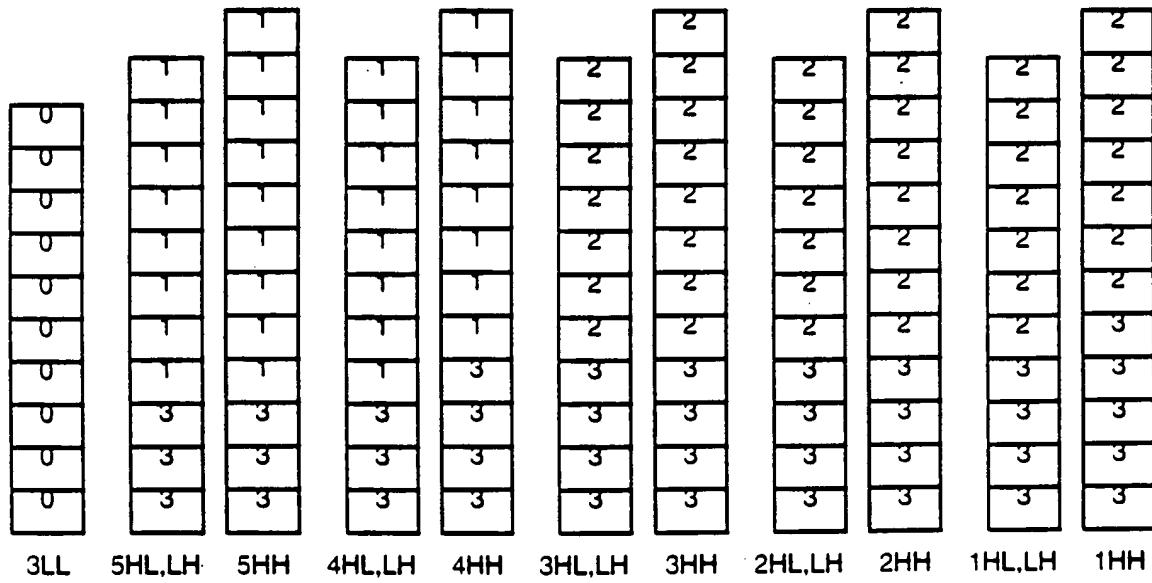
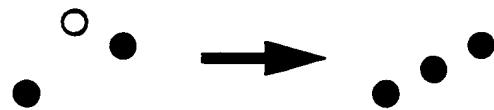


Figure 23



$t_{\gamma} - 24$

TYPICAL DECODE OF COLOR IMAGES

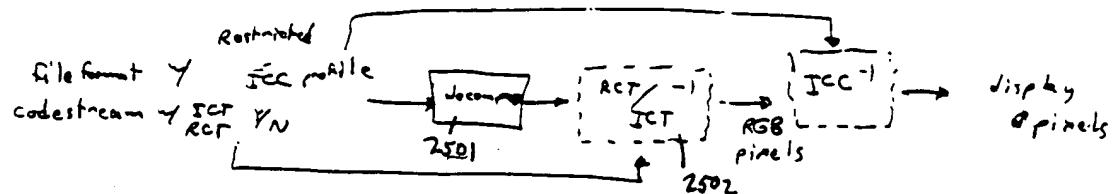


Figure 25

DUMB CAMERA ENCODER

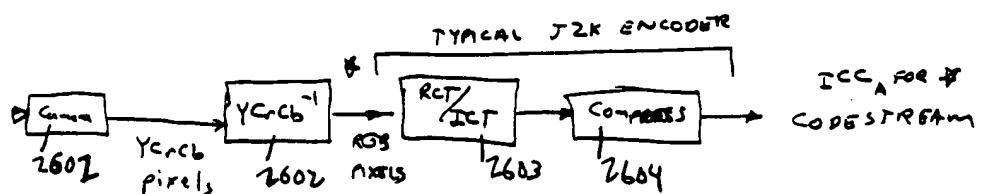


Figure 26

SIMPLE CAMERA ENCODER

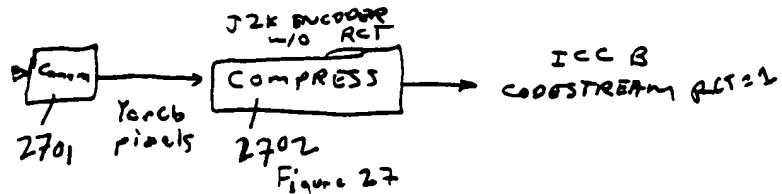


Figure 27

Coefficients

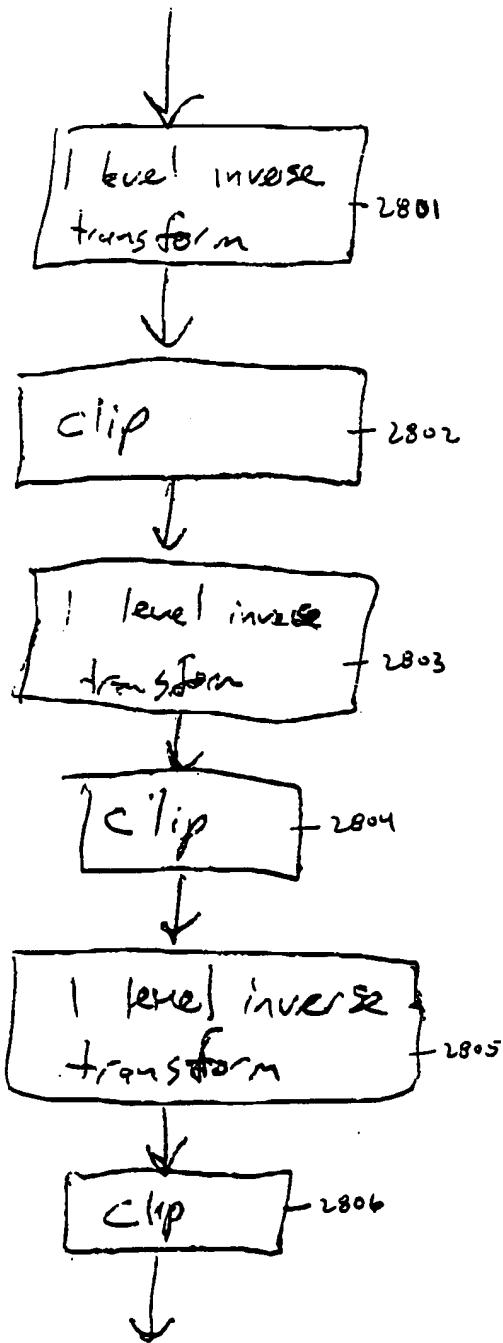


Figure 28